

FIG. 1

Prior Art

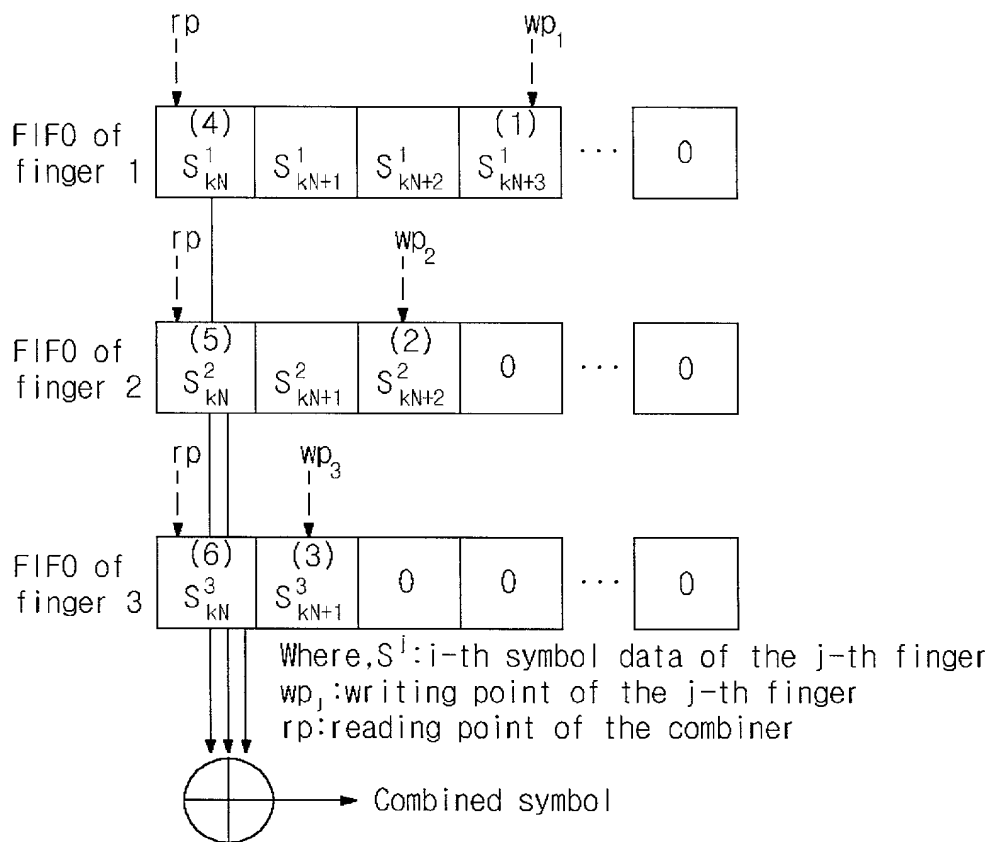


FIG. 2

Prior Art

Specification	IS-95 CDMA	MC-CDMA	Increasing factor
Minimum symbol duration	64 PN chip	4 PN chip	(1)FIFO depth: 16-times increasing
Carrier wave	1	3	(2)FIFO number: 3-times increasing
The number of maximum transmission channels	1	2	(3)FIFO number: 2-times increasing
Symbol modulation method	BPSK	QPSK	(4)FIFO number: 2-times increasing
Final hardware increasing			192-times(=16×3×2×2)

FIG. 3

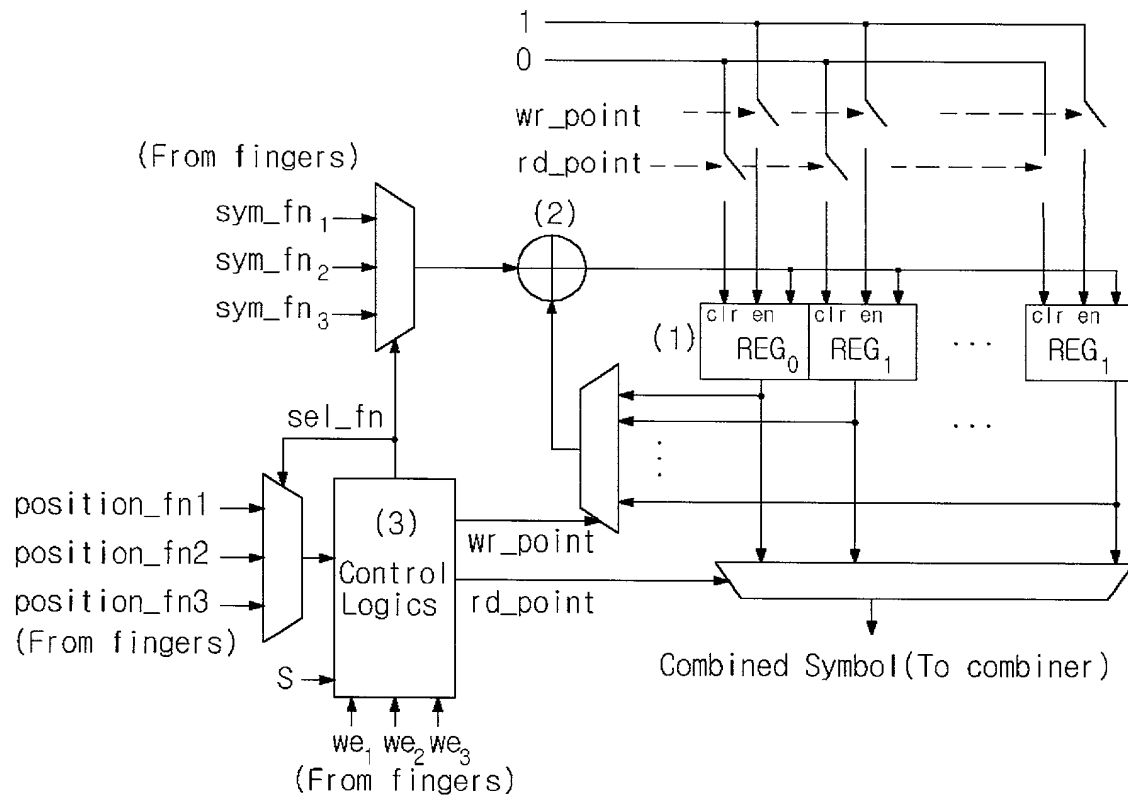


FIG. 4

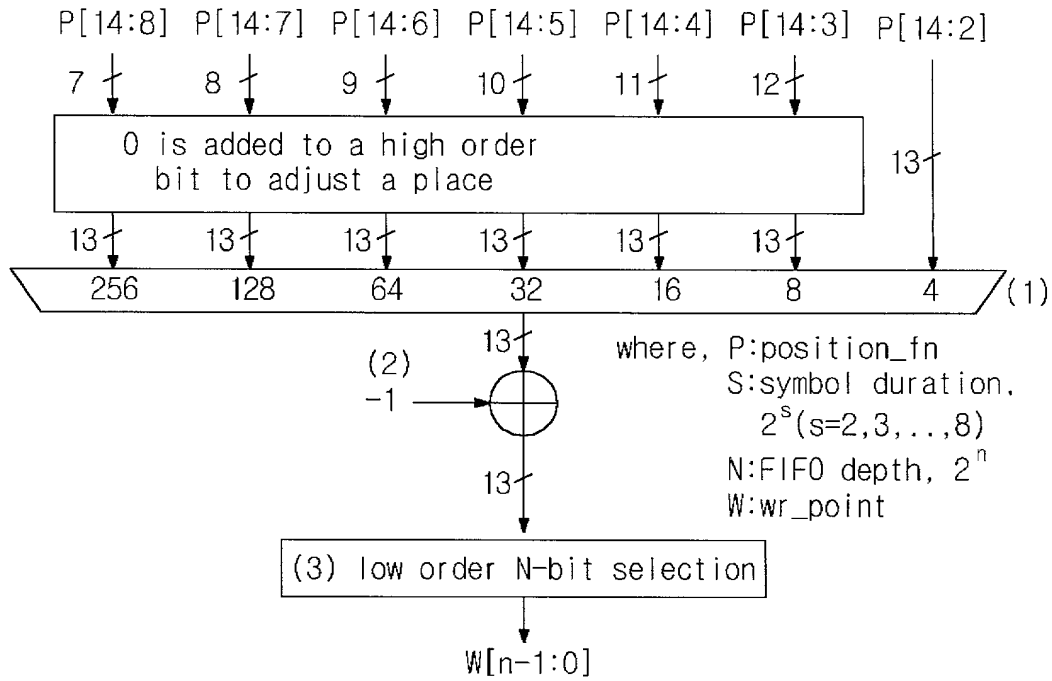


FIG. 5

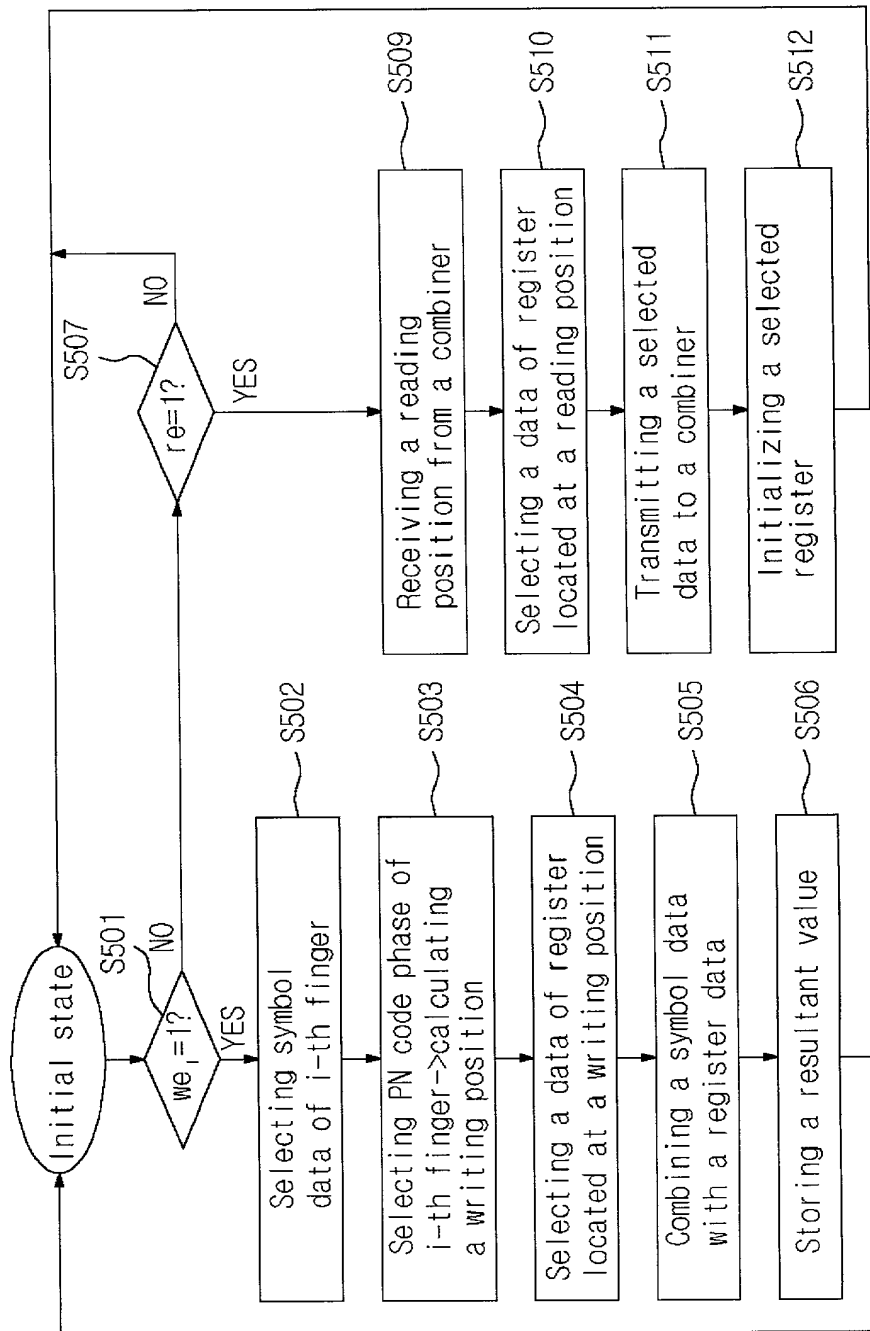


FIG. 6

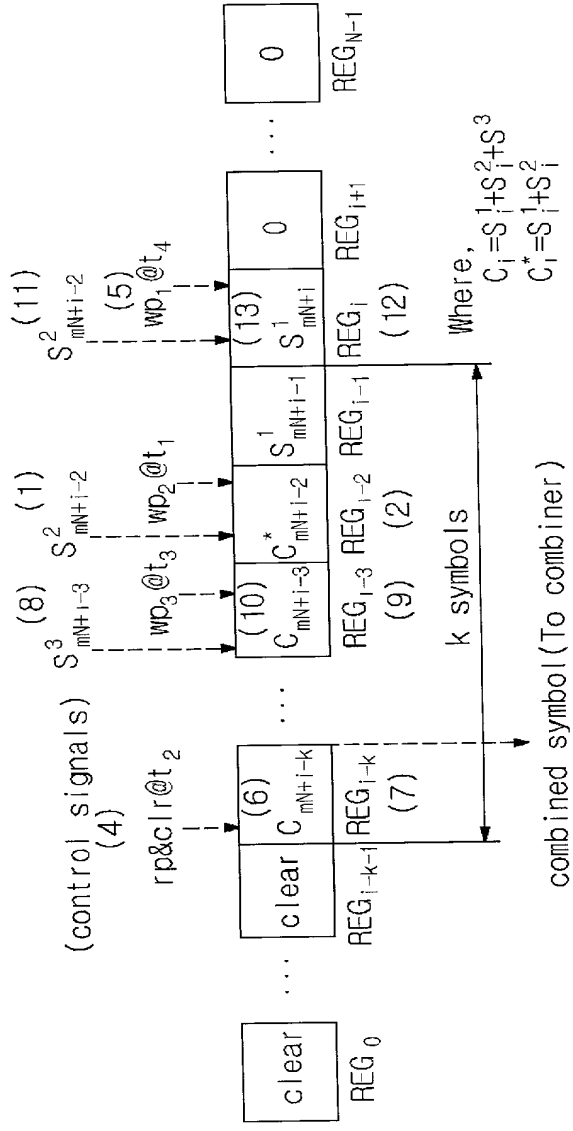
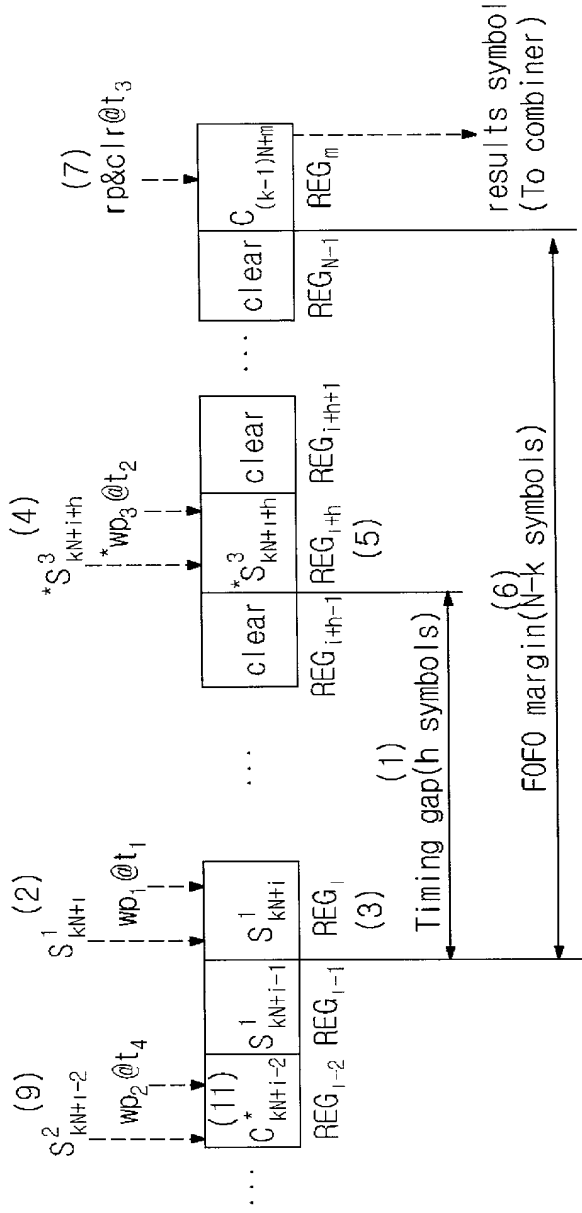


FIG. 7



Where, wp_i = writing point of the i-th finger for new cell
 wp_j = write enable of the j-th finger for the previous cell